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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	ACE-00101.P.1.2-US
First Inventor	WANG, Xiaobo
Title	IMPEDENCE BASED APPARATUSES AND
Express Mail Label No.	EL 892181691 US

U.S. PTO
111003
223887450**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 94]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 31]
- Oath or Declaration [Total Sheets 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
 Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Check for 502.00, Cover letter,.....
Title page.....

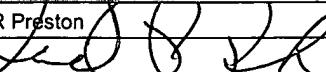
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
 For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS
 Customer Number: 24232 OR Correspondence address below

Name	David R Preston		
Address	David R Preston and Associates, A.P.C. 12625 High Bluff Drive, Suite 205		
City	San Diego	State	CA
Country	United States of America	Telephone	858-724-0375
Fax	858-724-0384		

Name (Print/Type)	David R Preston	Registration No. (Attorney/Agent)	38,710
Signature			
Date	Nov 10, 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 502.00)

Complete if Known

Application Number	To be determined
Filing Date	Herewith
First Named Inventor	WANG, Xiaobo
Examiner Name	To be determined
Art Unit	To be determined
Attorney Docket No.	ACE-00101.P.1.2-US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	501321
Deposit Account Name	David R Preston

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	385.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 385.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	33	-20** = 13 X _____	= 117
Independent Claims	2	- 3** = 0 X _____	= _____
Multiple Dependent			= _____

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 117.00)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	2051 65	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	2052 25	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	2251 55	2251 55	Extension for reply within first month	
1252 410	2252 205	2252 205	2252 205	Extension for reply within second month	
1253 930	2253 465	2253 465	2253 465	Extension for reply within third month	
1254 1,450	2254 725	2254 725	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	2255 985	2255 985	Extension for reply within fifth month	
1401 320	2401 160	2401 160	2401 160	Notice of Appeal	
1402 320	2402 160	2402 160	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	2403 140	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	2452 55	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	2453 650	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	2501 650	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	2502 235	2502 235	Design issue fee	
1503 630	2503 315	2503 315	2503 315	Plant issue fee	
1460 130	1460 130	1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	2809 375	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	2810 375	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	2801 375	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	David R Preston	Registration No. (Attorney/Agent)	38,710	Telephone 858-724-0375
Signature	[Signature]		Date	12,10,2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

David R. Preston, Ph.D, J.D.
preston@drpna.com

David R. Preston & Associates, A.P.C.
12625 High Bluff Drive
Suite 205
San Diego, California 92130

Owen Smigelski[†]
owen @drpna.com

Thomas D. Foster^{*}
foster@drpna.com

Mo Savari[†]
savari@drpna.com

†Of Counsel
*A Professional Corporation

VIA EXPRESS MAIL

Mail Stop Patent Application
"Express Mail" Mailing Label Number: EL 892181691 US
Date of Deposit: November 10, 2003

Commissioner for Patents
Alexandria, VA 22313-1450

Re: Utility Patent Application
Entitled: IMPEDENCE BASED APPARATUSES AND METHODS FOR
ANALYZING CELLS AND PARTICLES
Appl. No.: To be determined
Filed: Herewith
Inventor: Xiaobo WANG and Xiao XU
Our Ref.: ACE-00101.P.1.2-US

Sir:

The following documents are forwarded herewith for appropriate action by the United States Patent and Trademark Office:

1. Utility Patent Application Transmittal (in duplicate);
2. Fee Transmittal (in duplicate);
3. Declaration for Utility Patent Application;
4. Complete U.S. Patent Application entitled:

**IMPEDENCE BASED APPARATUSES AND METHODS FOR ANALYZING
CELLS AND PARTICLES**

and naming as inventors:

Xiaobo WANG and Xiao XU

the utility application comprising:

- i. Total pages of application: [126];
- ii. Pages of Disclosure: [74];
- iii. Pages of Figures: [31];
- iv. Pages of Title Page: [1];
- v. Pages of Abstract: [1];
- vi. Pages of Claims: [19]

- 5. Preliminary Amendment
- 6. One Return Post Card; and
- 7. Check No. 2622 in the amount of \$ 505.00 to cover the application fee.

It is respectfully requested that the attached postcard be stamped with the filing date and unofficial application number and returned as soon as possible.

Please apply any charges not covered, or any credits, to Deposit Account 501321 in the name of David R. Preston & Associates A.P.C. having Customer No.: 24232.

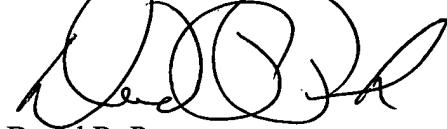
The following attorney is the attorney of record for prosecuting this application and transacting all business in the USPTO connected therewith:

David R. Preston, Esquire
Registration No. 38,710

Please send all correspondence and direct all telephone calls to:

David R. Preston
David R. Preston & Associates A.P.C.
12625 High Bluff Drive; Suite 205
San Diego, California 92130
858.724.0375

Respectfully submitted,
DAVID R. PRESTON & ASSOCIATES A.P.C.



David R. Preston
Attorney for Applicant
Registration No. 38,710

David R. Preston & Associates, A.P.C.
DRPNA®
www.drpna.com
phone: 858.724.0375
facsimile: 858.724.0384